



ACMECHEM LIMITED & MERCHEM LIMITED



CORPORATE INTRODUCTION

PRESENTATION AGENDA



RUBBER AND
SPECIALITY CHEMICAL
ECOSYSTEM



BRIEF BACKGROUND



ADVANTAGE TO THE
CLIENT



R&D INITIATIVES



VISION
&
MISSION



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PRODUCTS



ACMECHEM PRODUCT
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ACQUISITION



MERCHEM
PRODUCTS



MERCHEM PRODUCT
DETAILS



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ENVIRONMENT &
SAFETY



CONTACT IUS

INDIAN RUBBER CHEMICALS & SPECIALTY CHEMICAL ECOSYSTEM



The Indian rubber chemical industry is poised to grow in the tyre and non tyre sector.



Rubber chemicals (specialty chemicals) are used in the process of making rubber and rubber products.



These chemicals provide abrasion resistance, hardness, tensile strength, good resilience, flex resistance and increase the performance, efficiency of rubber based products.



These chemicals also enhance the commercial sustainability of rubber in various downstream applications.

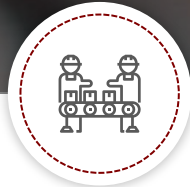


Rubber chemicals are classified under various types such as Antioxidants/Antidegradants, Accelerators, Processing aid, Retarders, Peptizers, Sulphur donor, Vulcanizing agent, Antiozonant etc.

INDIAN RUBBER CHEMICALS, SPECIALTY CHEMICAL ECOSYSTEM



In India around 80% of rubber chemicals are consumed by the tyre industry and the rest by non tyre (rubber goods) sectors.



In case of tyre manufacturing, chemicals contribute a mere 2% of the active ingredients, however they are very crucial.



The rubber chemical market is oligopolistic with only about 10~12 players and Acmechem/Merchem are amongst the leading players.



Currently demand is much higher than supply, resulting in creation of additional capacities.



The Indian rubber chemical prices are competitive compared to the international prices.



Most of the supplying companies do not have the full range of rubber chemical products.



The rubber chemical companies are required to comply with stringent regulations wrt to environmental pollution and quality.



OUR VISION

.....

To be a world class company in rubber and specialty chemicals, with a clear focus to exceed customer expectations.

MISSION

To deliver superior values to our customers, suppliers, channel partners, share holders & employees - through our safe plant operations, keeping in mind the preservation of biodiversity, conservation of natural resources in an environmental friendly manner to benefit the society at large.





ACMECHEM LIMITED

BRIEF BACKGROUND



We manufacture
Fine and
Performance Rubber
chemicals



Head quartered
in Kolkata



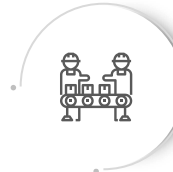
Commenced
in 1994



Company type-
Public Limited



Founder – **Mr. Narain Holani**
(Chemical Engineer, BITS Pilani,
alumnus), having about 4
decades of industry experience,
rubber & specialty chemicals
industry specialist.



Number of manufacturing
facilities-1, 10,000 square mtr.
@ G.I.D.C Panoli, District
Bharuch, Gujarat India.



Acmechem Ltd. is
IATF 16949 :2016,
ISO 9001:2015 and
ISO 14001:2015 certified
company by Det Norske
Veritas (DNV GL).

LOCATION ADVANTAGE



Acmechem is located in Gujarat state - one of the most industrialized state of India which ensures easy availability of technically skilled, trained and experienced manpower.



Located in G.I.D.C (Gujarat Industrial Development Corporation) Industrial estate ensures uninterrupted power and water supply.



Well connected by road, located on the by sides of NH8 which connects Mumbai~Delhi, the industrial, economic & freight corridor of India.



Strategic located in the heart of chemical hub of India –Ankleshwar & Dahej (ample availability of raw materials).



Nearest seaport – Hazira (70 Km), Mumbai (320 Km), Ankleshwar ICD (16Km)



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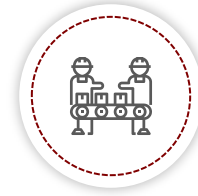
ADVANTAGE TO THE CLIENT



Over the years we have acquired the reputation of a tried and tested reliable partner across the globe.



Besides having foot prints all over India, we also have a formidable overseas presence.



Our products are manufactured from state of the art manufacturing facilities , equipped with modern facilities for manufacturing and quality systems.



We are a reputed, consistent and trusted partner engaging in energy conservation, reduction of wastages, conservation of natural resources.



We continually aim to upgrade our manufacturing facility with latest technology.



We are embarking upon ZLD for reduction of effluent, water conservation.

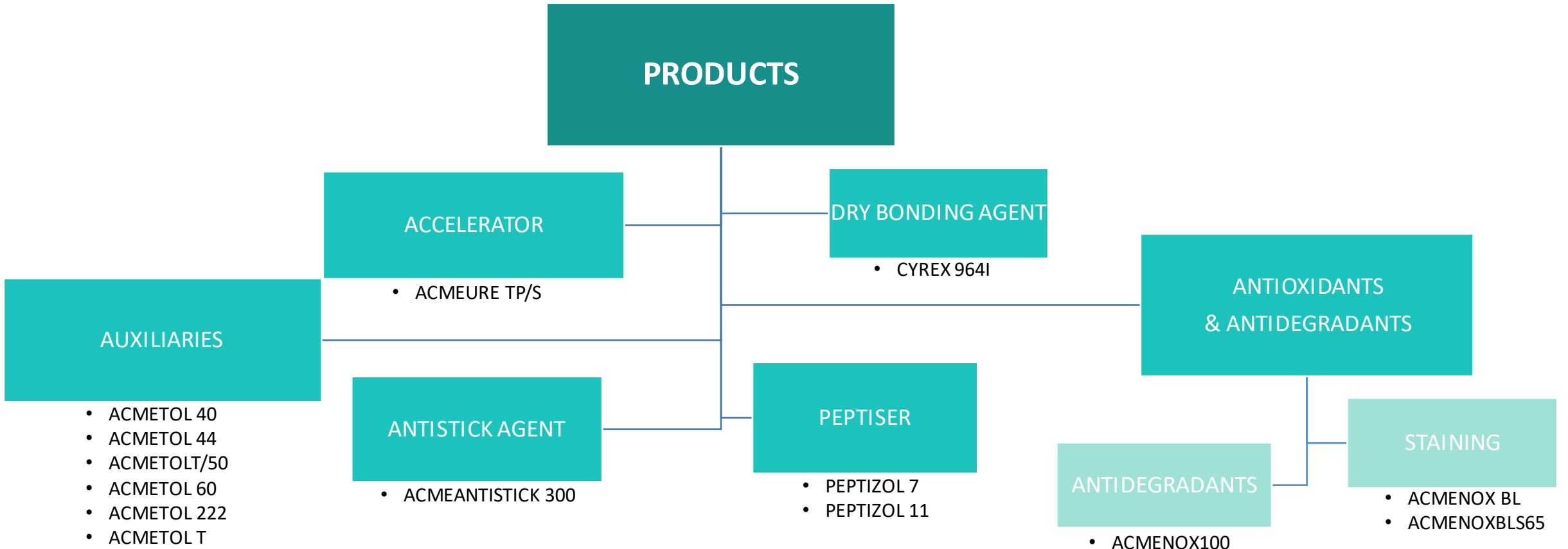


We organize continuous training & learning for our employees to keep them updated.



We are complying with REACH, RoHS, PAH and other international standards.

ACMECHEM PRODUCT DETAILS



ACMECHEM PRODUCT DETAILS



GROUP	CHEMICAL NAME	CAS NO.	COMPOSITION	MTPM
ANTIOXIDANTS	Acmenox 100	74-31-7	Mixture of Diaryl Para-Phenylene Diamine	250
	Acmenox BL/BLN	68412-48-6	Condensation product of Diphenyl amine and acetone	
	Acmenox BLB	0013333-86-4 68412-48-6	Blend of Acmenox BL and Carbon	
	Acmenox BLS-50/65/75	009003-79-6 68412-48-6	Blend of Acmenox BL and Silica	
	Acmenox MB2	53988-10-6	2-Mercapto Benzimidazole	

ACMECHEM PRODUCT DETAILS



GROUP	CHEMICAL NAME	CAS NO.	COMPOSITION	MTPM
PEPTISERS	Peptizol 7 (Powder/pellets)	133-49-3	Mixture of Penta chloro thio phenol (PCTP) with activator, dedusting agents and Kaoline	115
	Peptizol 11 (Powder/pellets)	135-57-9	Mixture of Di benzamido diphenyl disulphide (DBD) with activator, dedusting agents and Kaoline	
	Peptizol 11 (G)/Peptizol 11 R	135-57-9	Mixture of Di benzamido diphenyl disulphide (DBD) with activator, binder and Kaoline	

ACMECHEM PRODUCT DETAILS



GROUP	CHEMICAL NAME	CAS NO.	COMPOSITION	MTPM
PROCESSING AIDS	Acmetol 50/Acmetol T	NA	Zinc salt of unsaturated fatty acid	200
	Acmetol 44	NA	Mixture of Zinc salt of fatty acid and alkali soap	
	Acmetol 60	NA	Mixture Zinc soaps of high molecular rubber compatible carbonic soap	
	Acmetol 222	NA	Distearyl phthalate PentaEryhritol Ester I & II	

ACMECHEM PRODUCT DETAILS



GROUP	CHEMICAL NAME	CAS NO.	COMPOSITION	MTPM
RUBBER ADHESIVE	Cyrez 964I	0009011-05-6	Blend of silica & Hexa Methoxy Methyl melamine	600
ANTI STICK AGENT	Acmeantistick-100/200/300/400	001392-7-77-0	Combination of inorganic fillers, active substance and tensides	500
ACCELERATOR	Acmecure TP/S	6990-43-8	Zinc dialkyl dithiophosphate bound to silica	200

CERTIFICATIONS



DNV-GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 20090-2018-AQ-IND-RVA
 Initial certification date: 05, September, 2018
 Valid: 05, September, 2018 - 04, September, 2021

This is to certify that the management system of

Acmechem Limited
 412, GIDC Estate, P.O: Panoli - 394 116, Taluka: Ankleshwar, Bharuch, Gujarat, India

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Manufacture and supply of rubber chemicals

Place and date:
 Chennai, 06, September, 2018

For the issuing office:
 DNV GL - Business Assurance
 ROHA, No. 10, GST Road, Alandur,
 Chennai - 600 936, India

Swadesan Madhyath
 Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
 ACCREDITED UNIT: DNV GL - Business Assurance N.V., P.O. BOX 3601, 2280 LA, BAAKHOEK, NETHERLANDS. TEL: +31(0)202288
 info@dnv.com

DNV-GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 21004-2018-EM-IND-RVA
 Initial certification date: 26, April, 2018
 Valid: 26, April, 2018 - 26, April, 2021

This is to certify that the management system of

Acmechem Limited
 412 & 413, GIDC Estate, P.O: Panoli, Taluka: Ankleshwar, Bharuch - 394 116, Gujarat, India

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:
Manufacture and supply of rubber chemicals

Place and date:
 Chennai, 07, March, 2018

For the issuing office:
 DNV GL - Business Assurance
 ROHA, No. 10, GST Road, Alandur,
 Chennai - 600 936, India

Swadesan Madhyath
 Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
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 info@dnv.com

DNV-GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 187133-2015-AQ-IND-IATF
 IATF Certificate No.: 0336648
 Valid until: 01 October, 2018 - 30 September, 2021

This is to certify that the management system of

ACMECHEM LIMITED.
 412 GIDC INDUSTRIAL ESTATE -PANOLI, TALUKA - ANKLESHWAR, Dist. Bharuch, GUJARAT 394 116 India
 and, if applicable, the remote support locations as mentioned in the Appendix accompanying this Certificate

has been found to conform to quality management system standard:
IATF 16949:2016

This certificate is valid for the following Scope:
MANUFACTURE OF RUBBER CHEMICALS - ANTIOXIDANT, FINE CHEMICALS, PROCESSING AIDS, ACCELERATORS, RETARDER, PEPTIZER

EXCLUSION: 8.3 PRODUCT DESIGN

Place and date:
 Katy, TX, 02 October 2018

For the issuing office:
 DNV GL - Business Assurance
 Pune, India

Robert Kozak
 Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
 ACCREDITED UNIT: DNV GL - Business Assurance, 1400 Nevada Drive, Katy, TX 77449. Tel.: 281-396-1000. www.dnv.com

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DNV-GL

Certificate No.: 187133-2015-AQ-IND-IATF
 IATF Certificate No.: 0336648
 Place and date: Katy, TX, 02 October 2018

Appendix to Certificate

Remote Support Locations included in the certification are as follows:

Name	Address	RSL Activities	Certification Body
ACMECHEM LIMITED.	9A, Saket Apartment, 9th Floor, 2, Ho Chi Minh Sarani, Kolkata - 700 071, India	Marketing, Policy Making, Strategic Planning	DNV GL

Place and date:
 Katy, TX, 02 October 2018

For the issuing office:
 DNV GL - Business Assurance
 Pune, India

Robert Kozak
 Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
 ACCREDITED UNIT: DNV GL - Business Assurance, 1400 Nevada Drive, Katy, TX 77449. Tel.: 281-396-1000. www.dnv.com

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AWARDS



dun & bradstreet ADVERTISING
Leading SMEs of India 2018

The increasing demand from the tyre market and their application across diverse industries are boosting the global rubber processing chemicals market.

ACMECHEM

Please provide a brief background about the company and its growth story so far. What are the various factors that have contributed to the growth of your firm?

ACMECHEM manufactures various types of rubber chemicals such as accelerators, antioxidants, greases, and process oils. These specialty chemicals are critical inputs that play a vital role in repairing and improving the texture, strength and longevity of the rubber products such as tyre treadblocks, moulds, belts, hoses, hoses, cables, components and moulding components. In a global, competitive market, these users address us.

ACMECHEM is committed to develop innovative technologies with a focus on high quality products to address long term business growth of the company as well as to meet the requirements of the domestic demand. Quality Assurance (QA) approach based on the objective of 'Zero Defect' quality following the ISO 9001:2015 & TS 16949 conforms to the product category. The ISO 14001 is the pre-qualified quality system for automobile industry. This has enabled the company to supply zero defect products to the end customers.

rubber chemicals. We export around 40% of our products to the rest of the world.

ACMECHEM has been declared as a Successful Resolution Applicant (SRA) in accordance with the Corporate Insolvency Resolution Process (CIRP) for Marchem Limited (ML), one of the top Rubber Chemicals manufacturers in India. The Regulatory approval from the National Company Law Tribunal, Chennai for the said acquisition, is expected shortly. ML has three manufacturing units, two in the state of Kerala and one in the state of Gujarat. The manufacturing facility in Gujarat is situated very near to the existing operation of ACMECHEM. The existing capacity of 21000 MT per annum for manufacturing various

What kind of products does the



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apno ka bank

SME BUSINESS EXCELLENCE AWARDS 2018

It's Time to let the World Know

Presented by:
IFFCO-TOKIO



Showcasing the publication 'Leading SMEs of India 2018'

(L - R) Mr. Saras Mundhra, Head of SME Business at RBL Bank
Mr. Manish Sinha, Managing Director - India, Dun & Bradstreet
Ms. Sunita Sanghi, Senior Adviser & Additional Secretary, Ministry of Skill Development and Entrepreneurship, Government of India
Mr. Vincent Valladares, Head Commercial banking RBL Bank Ltd.
Mr. Warendra Sinha, MD & CEO of IFFCO Tokio General Insurance Co. Ltd.



Rubber Chemicals Panel: From left, Tom Thomas (CEAT), R.M. Gadgil (NOCIL), Kishor Katkar (ACMECHEM), Abhishek Agarwal (TWC), Muneesh Kumar Batta (OCCL), and Pravin Tripathi (Apollo Tyres)



MERCHEM LIMITED

MERCHEM ACQUISITION



Acmechem has acquired Merchem Limited - a dominant rubber chemical manufacturer



Besides adding production capacities this acquisition will help Acmechem to expand its basket of product offerings to its customers



Total capacity addition after Merchem acquisition is around 30,000 MT



Merchem plants are at the final stage of project commissioning and will gradually ramp up production



The total number of manufacturing locations will go up from 1 to 4



The expected topline of Merchem shall be USD 70 million

MERCHEM LTD INTRODUCTION



3 LOCATIONS
Panoli in Gujarat,
Edayar & Eloor
near Cochin Kerala

















Number of
products - 20

AREA SQ FT
Panoli - 24 acres
Eloor - 7.69 acres
Edayar - 1.29 acres

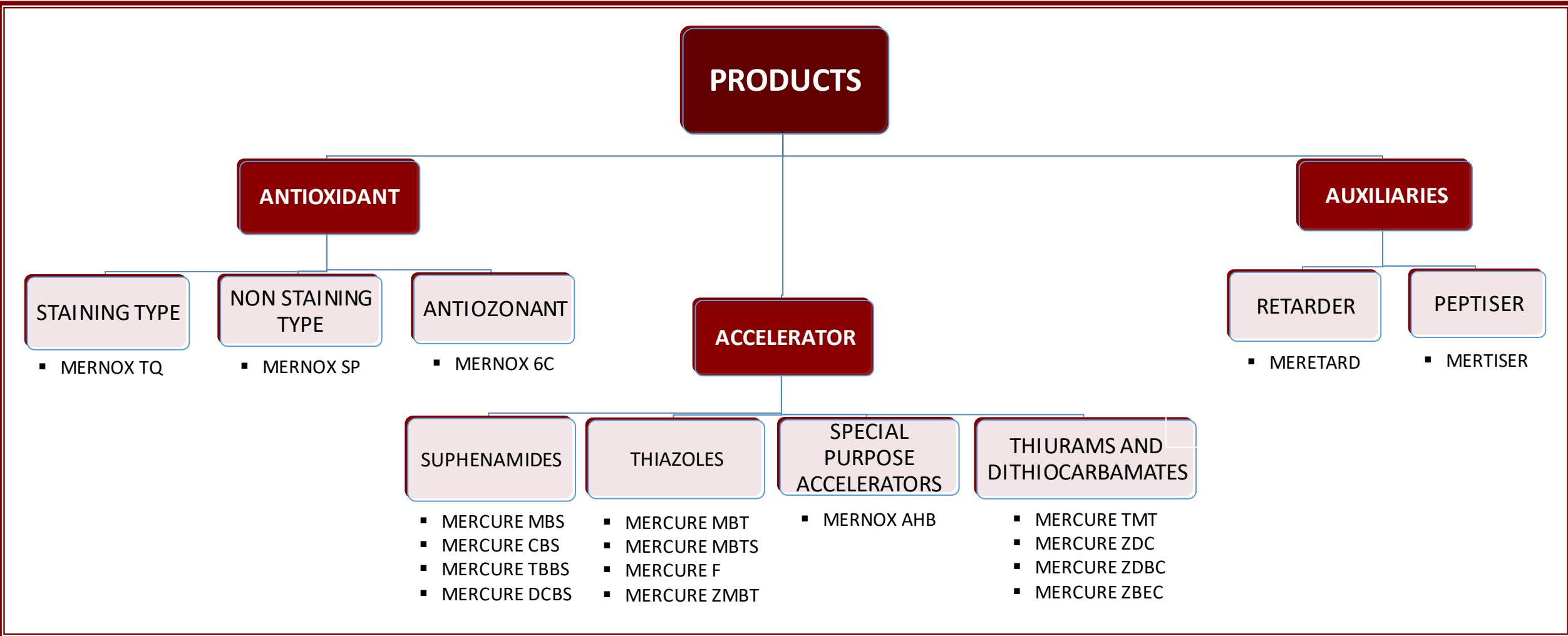
Likely addition of revenue
to the group - USD 70
million

MERCHEM JOURNEY



 2020 Restarted Operations	 2013 Merchem wins AIRIA – Award for Export performance in Raw Material – rubber chemicals category	 2012 Multiple Effect Evaporator for effluent treatment installed in Ponoli, Gujarat plant	 2011 Merchem awarded the certificate of Merit for Export large scale industry category by Govt. of India (CHEMEXCIL)	 2008 R & D department recognized by the Department of Scientific and Industrial Research, Govt. of India	 2006 Exclusive centralized R & D commissioned	 2005 Zero discharge system for effluent treatment by installing multi-effect evaporator system	 2004 Best performer award from Hindustan Organic Chemicals.
 2010 1. BS OHSAS 18001:2007 Certified. 2. SAP go-live.	 2010 "A Business House Par Excellence" award by Times of India Group	 2009 1. QMS ISO 9001: 2000 standard updated to 2008 version 2. Merchem starts exporting to Latin America.	 2009 Merchem wins Govt. of India's award for Export Excellence	 2000 Environment Management System : 14001	 1997 Quality management system accredited with ISO 9001 standard	 1995 Started exports to South East Asia.	 1981 Merchem launched rubber processing chemicals in the Indian market.

MERCHEM PRODUCTS



MERCHEM PRODUCT DETAILS



PRODUCT	CAS NO.	CHEMICAL NAME	MTPA	GROUP
Mercure CBS	95-33-0	N-Cyclohexyl-2-Benzothiazole Sulphenamide	1440	Sulphenamide (Accelerator)
Mercure MBS	102-77-2	N,N'-Oxy-Di-Ethylene Benzothiazole Sulphenamide	1440	Sulphenamide (Accelerator)
Mercure MBT	149-30-4	2-Mercaptobenzothiazole	720	Thiazoles (Accelerator)
Mercure MBTS	120-78-5	Dibenzothiazyl disulphide	960	Thiazoles (Accelerator)
Mercure TBBS	95-31-8	N-Tert-Butyl-2-Benzothiazole Sulphenamide	2400	Sulphenamide (Accelerator)
Mercure ZMBT	155-04-4	Zinc-2-Mercaptobenzothiazole	1440	Thiazoles (Accelerator)
Mernox 6C (6PPD)	793-24-8	N-1,3-dimethyl butyl-N'phenyl-paraphenylenediamine	8000	Antiozonant

MERCHEM PRODUCT DETAILS



PRODUCT	CAS NO.	CHEMICAL NAME	MTPA	GROUP
Mercure AHB	9003-50-3	Aniline Heptaldehyde Base	120	Accelerator
Mercure DCBS	4979-32-2	N,N-Di-Cyclohexyl-2-Benzothiazole Sulphenamide	500	Sulphenamide (Accelerator)
Mertiser DBD	135-57-9	Dibenzamido Di Phenyl Disulphide with activating and dispersing agents.	500	Peptiser (Processing Aid)
Mernox TQ/TQ (HPG)	26780-96-1	1,2-Dihydro-2,2,4-trimethyl quinoline, polymerized	3300	Antioxidant

MERCHEM PRODUCT DETAILS



PRODUCT	CAS NO.	CHEMICAL NAME	MTPA	GROUP
Mercure F	NA	Activated Thiazole	180	Thiazole (Accelerator)
Mercure TBzTD	10591-85-2	Tetra Benzyl Thiuram Disulphide	120	Thiurams (Accelerator)
Mercure TMT	137-26-8	Tetra-Methyl Thiuram Disulphide	720	Thiurams (Accelerator)
Mercure ZBEC	147-36-4	Zinc Di-Benzyl Dithiocarbamate	450	Dithiocarbamate (Accelerator)
Mercure ZDBC	136-23-2	Zinc Di-Butyl Dithiocarbamate	550	Dithiocarbamate (Accelerator)
Mercure ZDC	109-89-7	Zinc Di-Ethyl Dithiocarbamate	950	Dithiocarbamate (Accelerator)
Mercure ZDMC	137-30-4	Zinc Di-Methyl Dithiocarbamate	120	Dithiocarbamate (Accelerator)
Mernox SP	61788-44-1	Mixture of Styrenated Phenols	120	Antioxidant
Mernox DTDC	23847-08-7	N,N' Dithio Caprolactum	80	Sulphur Donor

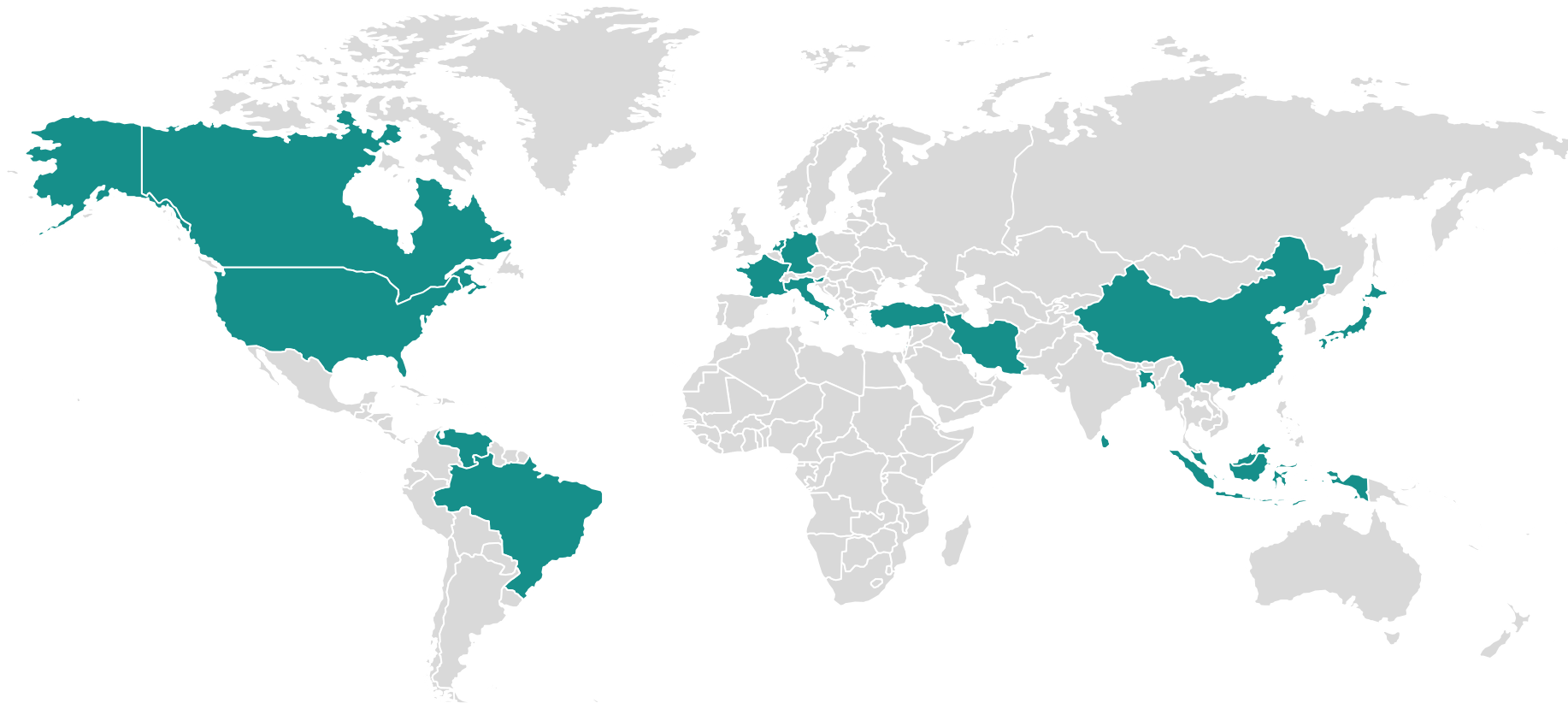
OUR VALUED CUSTOMERS



INTERNATIONAL PRESENCE



EXPORTING COUNTRIES



- USA
- Canada
- Brazil
- Germany
- Netherlands
- France.
- Italy
- Japan
- China
- Indonesia
- Turkey
- Israel
- Thailand
- Malaysia
- Sri Lanka

QUALITY ASSURANCE



We are committed to Total Customer Satisfaction through manufacturing of quality products and consistency in quality & services.



Our QA Laboratory operates round the clock and has developed a Quality Assurance approach based on clear target of Zero defect.

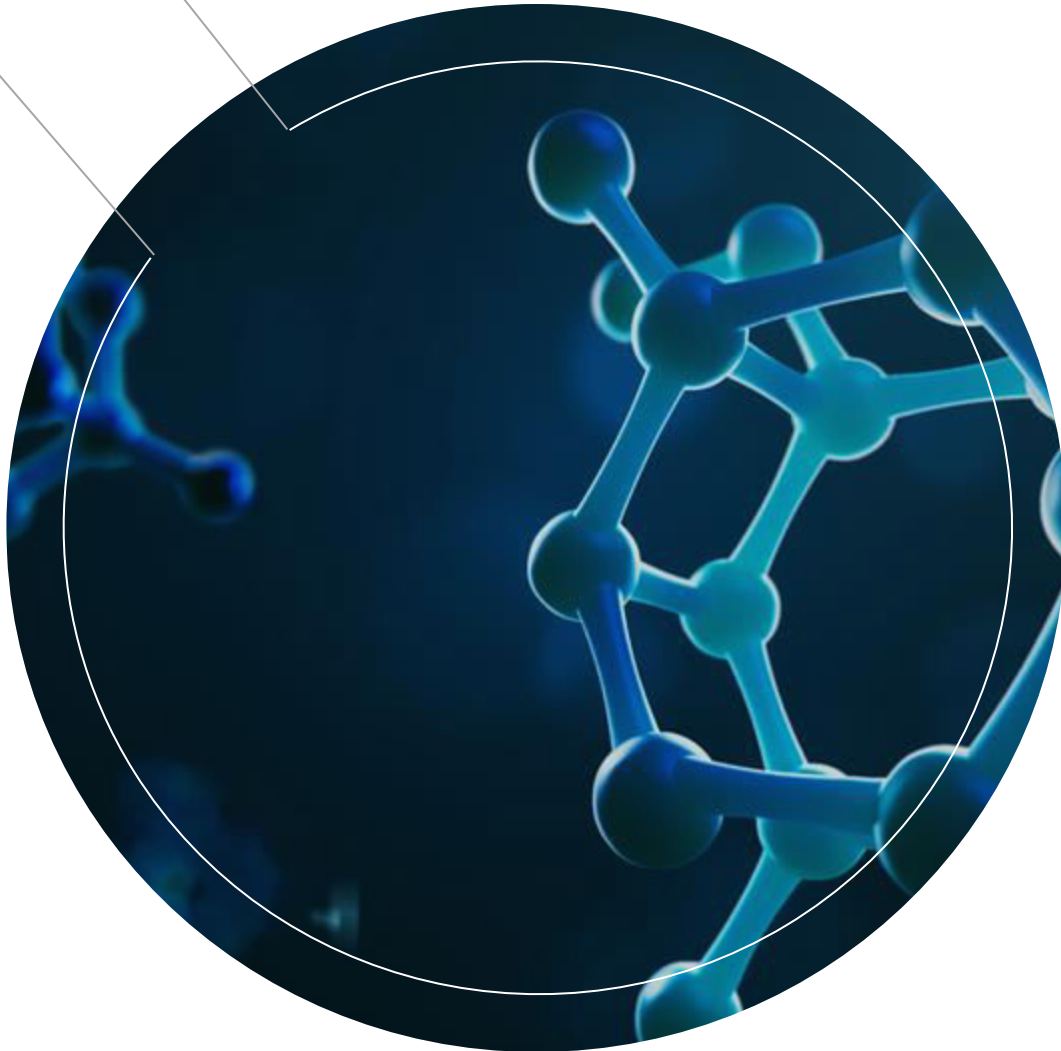


Continual improvement of quality management system conforming to IATF 16949 :2016 and ISO 9001:2015.



QA team is manned by qualified, well experienced & trained staff handling the responsibility of achieving Continuous Quality Improvement Goals.

R & D INITIATIVES



Comprehensive R&D is the backbone of our company's success. In order to further augment our R&D we have come up with a state of the art modern R&D Lab.



R&D facility is well equipped for new product development, its evaluation and application testing supported by latest analytical instrumentation.



With the knowledge & use of technology, cost effective & high performance solutions are achieved.



The client's aspirations relating to the products and feedback are constantly asked for, thereby new range of products are introduced



Equipped with pilot plant to conduct scale up activities



Proposed technical services laboratory equipped with modern instruments to perform mechanical, chemical & performance analysis of rubber compounds

SAFETY, HEALTH & ENVIRONMENT



We are committed to safeguard the health and safety of all our employees & partners. We ensure necessary standard of safety in our operation and all other activities of the plants.



We work towards saving the natural resources, reduction of environmental impacts on land, air & water, tree plantation & effective implementation of EMS.



Our employees are trained in a safe environment, they are informed about the possible hazards and safe methods of handling various chemicals and are provided with necessary personal protective equipment (PPE).



Protection of the environment, including prevention of pollution arising from our activities, product & services and other specific commitment from context of organization.

CONTACT US

CORPORATE OFFICE / HEAD OFFICE



2 HO CHI MINH SARANI
SAKET APARTMENTS,
FLAT 9A
KOLKATA 700 071

corporate@acmechem.in
corporate@merchem.in

SALES OFFICE



NAURANG HOUSE
21, KASTURBA GANDHI MARG,
FLAT NO. 1106, 11TH FLOOR,
NEW DELHI 110 001

rishabh@acmechem.in
pawan@acmechem.in



THANK YOU